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(74) Agents: DE GREGORI, Antonella et al.; Ing. Barzano' & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 Milan (IT).

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(71) Applicant (for all designated States except US): POLIMERI EUROPA S.P.A. [IT/IT]; Via E. Fermi, 4, I-72100 Brindisi (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): QUERCI, Cecilia [IT/IT]; Via Donizzetti, 41, I-28100 Novara (IT). BOSETTI, Aldo [IT/IT]; Via C.F. Martiniana, 11, I-13100 Vercelli (IT). GUERRINI, Rinaldo [IT/IT]; Via Aosta, 7, I-28100 Novara (IT). PANELLA, Francesco [IT/IT]; Vicoletto San Germano, 8, I-13030 Pertengo-Vercelli (IT). RUSSO, Matteo [IT/IT]; Via Mulino Vecchio, I-28065 Cerano (IT).

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(54) Title: RHENIUM CATALYST ON A SILANIZED ALUMINA CARRIER AND ITS USE IN THE METATHESIS REACTION OF OLEFINS

(57) Abstract: A process is described for the preparation of a heterogeneous catalyst containing rhenium as active component and an inert carrier medium, characterized in that said inert carrier is previously treated with a silanizing compound containing chlorine, before the laying of the active component on the carrier, and the activation of the heterogeneous catalyst takes place by means of thermal treatment followed by a rapid final cooling. The catalyst is particularly active in metathesis reactions of olefins.